

Work Order ID 151856***151856***

Page 1

Wednesday, October 12, 2016 2:40:36 PM

Item ID: D206-802-031

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Passenger Door Opener LH

Start Date: 10/12/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/19/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: 2mDate: 10/10/12

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D407-802-3	A	OCT 13 2016							
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D206-802-031 CHG002								
105	Pick Kit	0.00							
105									
Packaging	Memo	0.00							
Packaging									
110	QC4- 100% Inspect kits for completeness	0.00							
110									
QC	Memo	0.00							
Quality Control									

DAS
27
9-89
OCT 20 2016

OCT 13 2016

DAS
28
9-89DAS
27
9-89
OCT 20 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Work Order ID 151856***151856***

Page 2

Wednesday, October 12, 2016 2:40:36 PM

Item ID: D206-802-031

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Passenger Door Opener LH

Start Date: 10/12/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/19/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120		0.00							
120	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPDD206-802-031								
	Location: _____								
	PPP rev: _____								
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo	0.00							
Quality Control									

DAS
27
9-89

OCT 20 2016

16/10/20

MF

16-10-20

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		FAULT CATEGORY Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Wednesday, October 12, 2016 2:40:35 PM

Page 1

Work Order ID: 151856

151856

Parent Item: D206-802-031

D206-802-031

Parent Item Name: Passenger Door Opener LH

Start Date: 10/12/2016

Required Date: 10/19/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.12.03 as per dwg rev.A DD verf:EC
12.07.30 AS PER ECN12-624 DD verf:EC

IPP Rev:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3552-17 *D3552-17* Door Prop		Manufactured	No			105	Each	5.0000	1	1		OCT 13 2016	DAS 6 28 9-89 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST353				4					
				148200				4					
				ST363				1					
				126847				1					
D3622-5 *D3622-5* Ball Stud		Manufactured	No			105	Each	5.0000	1	1		OCT 13 2016	DAS 6 28 9-89 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST046				5					
				129766				1					
				133920				4					
D4115-5 *D4115-5* Doubler		Manufactured	No			105	Each	11.0000	1	1		OCT 13 2016	DAS 6 28 9-89 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST084				11					
				148106				11					
D4115-041 *D4115-041* Litter Door Bracket Assembly		Manufactured	No			105	Each	0.0000	1	1		OCT 14 2016	DAS 6 28 9-89 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
										QC / QA Coordinator Approval															
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																	
OTHER :																									

Picklist Print

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Work Order ID: 151856

151856

Parent Item: D206-802-031

D206-802-031

Parent Item Name: Passenger Door Opener LH

Start Date: 10/12/2016

Required Date: 10/19/2016

Start Qty: 1.00

Required Qty: 1.00

CR3242-5-4 Purchased No

105 Each 66.0000 3 3

CR3242-5-4

Rivet

**

OCT 13 2016

DAS 27 6 28 9-89

Location

Loc Qty

Loc Code

ST317

66

116583

66

3

CR3243-5-4 Purchased No

105 Each 62.0000 2 2

CR3243-5-4

Rivet

**

OCT 13 2016

DAS 27 6 28 9-89

Location

Loc Qty

Loc Code

ST317

62

116583

62

2

MS20426AD4-5-89 Purchased No

105 Each 1,391.0000 2 2

MS20426AD4-5

RIVET

**

OCT 13 2016

DAS 27 6 28 9-89

Location

Loc Qty

Loc Code

GA

1305

m133751

1305

ST312

86

m133751

86

2

MS20600-AD4W2 Purchased No

105 Each 330.0000 9 9

MS20600-AD4W2

Rivet

**

OCT 13 2016

DAS 27 6 28 9-89

Location

Loc Qty

Loc Code

GA

203

m126475

6

m135058

47

m135127

150

ST308

127

m134762

127

9

Wednesday, October 12, 2016 2:40:35 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐				

Picklist Print

Wednesday, October 12, 2016 2:40:35 PM

Page 3

Work Order ID: 151856

151856

Parent Item: D206-802-031

D206-802-031

Parent Item Name: Passenger Door Opener LH

Start Date: 10/12/2016

Required Date: 10/19/2016

Start Qty: 1.00

Required Qty: 1.00

MS21073L5 Purchased No

105 Each 37.0000 1 1

MS21073L5

Anchor Nut

**

OCT 13 2016

DAS 6 28 9-89

Location

Loc Qty

Loc Code

ST298

37

m135058

37

NAS1149C0532R Purchased No

105 Each 500.0000 3 3

NAS1149C0532R

WASHER

**

OCT 13 2016

DAS 6 28 9-89

Location

Loc Qty

Loc Code

GA

60

116513

60

ST260a

200

m135390

200

ST266

240

m135671

224

m134756

16

NAS1149C0563R Purchased No

105 Each 396.0000 3 3

NAS1149C0563R

Washer

**

OCT 13 2016

DAS 6 28 9-89

Location

Loc Qty

Loc Code

ST265

396

m131697

396

DAS 27 9-89

3

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
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Misidentified ☐	Past Due ☐																																																														

Work Order ID 151856

Thursday, October 13, 2016 8:31:29 AM

151856

Page 1

Item ID: D206-802-031**Accept*****N900040100*****Setup Start*****NS1*****Revision ID:****Stop*****NS2*****Item Name:** Passenger Door Opener LH**Start Date:** 10/12/2016 **Start Qty:** 1.00***1*****Cust Item ID:****Required Date:** 10/19/2016 **Req'd Qty:** 1.00***1*****Customer:****Reference:****Approvals:** **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____**Run Start*****NR1*****QC:** _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____**Stop*****NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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IIN-D407-802-3

A

label

100

Document Control

0.00

100

DOCUMENT CONTROL

DAS
21
9-89**OCT 13 2016**

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile and create labels per PPP D206-802-031 CHG002

105

Pick Kit

0.00

105

Packaging

Memo

0.00

Packaging

110

QC4- 100% Inspect kits for completeness

0.00

110

QC

Memo

0.00

Quality Control

DART AEROSPACE LTD.

IIN-D206-802-3

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5.0 PARTS LIST**5.1 D206-802-029/-030 Crew Door Opener Kits**

Qty -029	Qty -030	Part Number	Description
1		D206-802-029	CREW DOOR OPENER KIT, LH
	1	D206-802-030	CREW DOOR OPENER KIT, RH
1	1	D3552-15	DOOR PROP
1	1	D3622-5	BALL STUD
1	1	D4110-3	DOUBLER, SILL
1		D4114-1	DOOR DOUBLER, LH
	1	D4114-2	DOOR DOUBLER, RH
4	4	MS20426AD4-5	RIVET
32	32	MS20600AD4W2	RIVET
2	2	MS21073L5	ANCHOR NUT
1	1	MS27130-A26	RIVNUT
6	6	NAS1149C0532R	WASHER
6	6	NAS1149C0563R	WASHER

5.2 D206-802-031/-032 Passenger Door Opener Kits

Qty -031	Qty -032	Part Number	Description
1		D206-802-031	PASSENGER DOOR OPENER KIT, LH
	1	D206-802-032	PASSENGER DOOR OPENER KIT, RH
1	1	D3552-17	DOOR PROP
1	2	D3622-5	BALL STUD
	1	D4112-1	AFT SILL DOUBLER
1	1	D4115-5	DOUBLER
1		D4115-041	LITTER DOOR BRACKET ASSY
3		CR3242-5-4	RIVET
2		CR3243-5-4	RIVET
2	4	MS20426AD4-5	RIVET
9	14	MS20600AD4W2	RIVET
1	2	MS21073L5	ANCHOR NUT
3	6	NAS1149C0532R	WASHER
3	6	NAS1149C0563R	WASHER